

### Abstract

The purpose is to execute the matching of a data after state change from a data before state change, or the matching of a data before state change from a data after state change. The component analyzing unit realized by software analyzes an input data by using a configuration component of a selected state-specific database and sends the configuration component coefficient to the component coefficient conversion unit. The component coefficient conversion unit converts the sent configuration component coefficient into the configuration component coefficient corresponding to the state-specific database which is not selected and sends it to the state change data generation unit. The state change data generation unit generates the state change data by using the sent configuration component coefficient and the configuration component of the corresponding state-specific database. The matching unit matches the state change data and the registration data accumulated in the matching data accumulating unit.